



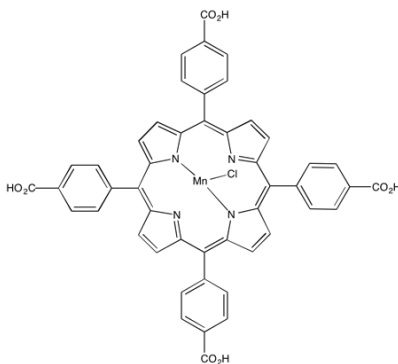
Catalog # 10-1386

MnTBAP

CAS# 55266-18-7

Mn(III) meso-Tetra(4-carboxyphenyl)porphine chloride

Lot # X101710



Superoxide dismutase (SOD) mimetic. Potent peroxynitrite scavenger but does not scavenge nitric oxide.

- 1) Szabo *et al.* (1996), *Evaluation of the relative contribution of nitric oxide and peroxynitrite to the suppression of mitochondrial respiration in immunostimulated macrophages using a manganese mesoporphyrin superoxide dismutase mimetic and peroxynitrite scavenger*, FEBS Lett., **381** 82
- 2) Faulkner *et al.* (1994), *Stable MN(III) porphyrins mimic superoxide dismutase in vitro and substitute for it in vivo*; J. Biol. Chem., **269** 23471

PHYSICAL DATA

Molecular Weight:	879.17
Molecular Formula:	C ₄₈ H ₂₈ MnN ₄ O ₈ · Cl
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	It is recommended to dissolve this product in 0.1M NaOH. Ethanol solubility is negligible.
Physical Description:	Black solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in 0.1M NaOH may be stored at -20°C for up to 1 month.

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Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

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